

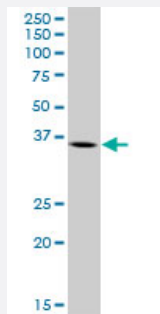
MaxPab®

ARG2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000384-B01P

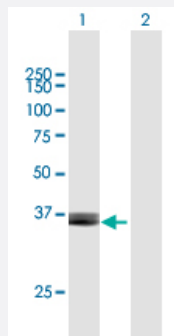
Size 50 ug

Applications



Western Blot (Cell lysate)

ARG2 MaxPab polyclonal antibody. Western Blot analysis of ARG2 expression in COLO 320 HSR.

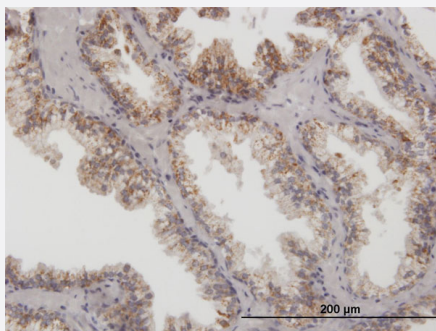


Western Blot (Transfected lysate)

Western Blot analysis of ARG2 expression in transfected 293T cell line ([H00000384-T01](#)) by ARG2 MaxPab polyclonal antibody.

Lane 1: ARG2 transfected lysate(38.94 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to ARG2 on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ARG2 protein.

Immunogen	ARG2 (AAH29050.1, 1 a.a. ~ 354 a.a) full-length human protein.
Sequence	MSLRGSLSRLLQTRVHSILKKS VHSVAVIGAPFSQGQKRKGVEHGPAAIREAGLMKRLSSLGCHL KDFGDLSTFPVPKDDLYNNLIVNPRSVGLANQELAEVVSRAVSDGYSCVTLGGDHSLAIGTISGHA RHCPDLCVVWVDAHADINTPLTTSSGNLHGQPVSFLLRELQDKVPQLPGFSWIKPCISSASIVYG LRDVPPEHFILKNYDIQYFSMRDIDRLGIQKVMERTFDLLIGKRQRPIHLSFDIDAFDPTLAPATGTP VVGGLTYREGMYAEEIHNTGLLSALDLVEVNPQLATSEEEAKTTANLAVDVIASSFGQTREGGHV YDQLPTPSSPDESENQARVRI
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ARG2 MaxPab polyclonal antibody. Western Blot analysis of ARG2 expression in COLO 320 HSR.

[Protocol Download](#)

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — ARG2

Entrez GeneID

[384](#)

GeneBank Accession#	NM_001172.3
Protein Accession#	AAH29050.1
Gene Name	ARG2
Gene Alias	-
Gene Description	arginase, type II
Omim ID	107830
Gene Ontology	Hyperlink
Gene Summary	Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mammalian arginase exists (types I and II) which differ in their tissue distribution, subcellular localization, immunologic crossreactivity and physiologic function. The type II isoform encoded by this gene, is located in the mitochondria and expressed in extra-hepatic tissues, especially kidney. The physiologic role of this isoform is poorly understood; it is thought to play a role in nitric oxide and polyamine metabolism. Transcript variants of the type II gene resulting from the use of alternative polyadenylation sites have been described. [provided by RefSeq]
Other Designations	A-II L-arginine amidinohydrolase L-arginine ureahydrolase kidney arginase nonhepatic arginase

Pathway

- [Arginine and proline metabolism](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Metabolic pathways](#)

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)